

WHAT IS CLAIMED IS:

1 1. A method for providing user location information for a personal information
2 management program, comprising:
3 providing a plurality of records for a user of a wireless device, wherein each user
4 record includes at least one position coordinate and an associated time indicating a location of
5 the wireless device at the time and the position coordinate;
6 providing records for transmitting devices, wherein each transmitting device record
7 includes at least one position coordinate and an associated location description providing
8 information on the position coordinate in the records; and
9 adding the location description from at least one of the transmitting device records to at
10 least one record associated with the user of the wireless device.

1 2. The method of claim 1, further comprising:
2 determining one transmitting device record including one position coordinate that is
3 within a proximity to one position coordinate in one user record, wherein the location
4 description from the determined transmitting device record is added to the user record having
5 the position coordinate within the proximity to the position coordinate of the determined
6 transmitting device record.

1 3. The method of claim 1, wherein the transmitting devices comprise wireless
2 devices associated with other users and fixed location transmitters associated with a location
3 providing information on a location.

1 4. The method of claim 1, wherein the user records further include a list identifying
2 one or more transmitting devices within a proximity to the wireless device of the user.

1 5. The method of claim 4, wherein the added location description is from one
2 record for one transmitting device identified in the list.

1 6. The method of claim 5, further comprising:
2 determining one record for one of the transmitting devices identified in the list including
3 one position coordinate within a proximity to one position coordinate of one user record,
4 wherein the location description from the determined transmitting device record is added to the
5 user record having the position coordinate within the proximity to the position coordinate of the
6 determined transmitting device record.

1 7. The method of claim 4, further comprising:
2 receiving, with the user wireless device, wireless transmissions from proximate
3 transmitting devices, wherein each wireless transmission identifies one transmitting device; and
4 adding to the list each transmitting device identified in each wireless transmission.

1 8. The method of claim 7, wherein the transmitting devices identified in the list are
2 in the proximity of the position coordinate in the user record including the list.

1 9. The method of claim 1, further comprising:
2 searching a database of transmitting device records to determine one transmitting
3 device record including one position coordinate within a proximity to the position coordinate in
4 one user record, wherein the location description from the determined transmitting device
5 record is added to the user record having the position coordinate within the proximity to the
6 position coordinate of the determined transmitting device record.

1 10. The method of claim 1, wherein the transmitting device records further provide
2 a time associated with the position coordinate indicating a time the transmitting device was
3 located at the position coordinate.

1 11. The method of claim 1, wherein at least one transmitting device record indicates
2 a location boundary defining multiple position coordinates, wherein the location description in
3 the transmitting device record provides information on the location boundary.

1 12. The method of claim 1, wherein the location description added from the
2 transmitting device record to the record associated with the user includes a multimedia file
3 providing information in a multimedia format on the location.

1 13. A system for providing user location information for a personal information
2 management program, comprising:
3 means for providing a plurality of records for a user of a wireless device, wherein each
4 user record includes at least one position coordinate and an associated time indicating a
5 location of the wireless device at the time and the position coordinate;
6 means for providing records for transmitting devices, wherein each transmitting device
7 record includes at least one position coordinate and an associated location description
8 providing information on the position coordinate in the records; and
9 means for adding the location description from at least one of the transmitting device
10 records to at least one record associated with the user of the wireless device.

1 14. The system of claim 13, further comprising:
2 means for determining one transmitting device record including one position coordinate
3 that is within a proximity to one position coordinate in one user record, wherein the location
4 description from the determined transmitting device record is added to the user record having

5 the position coordinate within the proximity to the position coordinate of the determined
6 transmitting device record.

1 15. The system of claim 13, wherein the transmitting devices comprise wireless
2 devices associated with other users and fixed location transmitters associated with a location
3 providing information on a location.

1 16. The system of claim 13, wherein the user records further include a list
2 identifying one or more transmitting devices within a proximity to the wireless device of the user.

1 17. The system of claim 16, wherein the added location description is from one
2 record for one transmitting device identified in the list.

1 18. The system of claim 17, further comprising:
2 means for determining one record for one of the transmitting devices identified in the list
3 including one position coordinate within a proximity to one position coordinate of one user
4 record, wherein the location description from the determined transmitting device record is
5 added to the user record having the position coordinate within the proximity to the position
6 coordinate of the determined transmitting device record.

1 19. The system of claim 16, further comprising:
2 means for receiving, implemented within the user wireless device, wireless transmissions
3 from proximate transmitting devices, wherein each wireless transmission identifies one
4 transmitting device; and
5 means for adding to the list each transmitting device identified in each wireless
6 transmission.

1 20. The system of claim 19, wherein the transmitting devices identified in the list are
2 in the proximity of the position coordinate in the user record including the list.

1 21. The system of claim 13, further comprising:
2 means for searching a database of transmitting device records to determine one
3 transmitting device record including one position coordinate within a proximity to the position
4 coordinate in one user record, wherein the location description from the determined transmitting
5 device record is added to the user record having the position coordinate within the proximity to
6 the position coordinate of the determined transmitting device record.

1 22. The system of claim 13, further comprising means for providing a time in the
2 transmitting device records associated with the position coordinate indicating a time the
3 transmitting device was located at the position coordinate.

1 23. The system of claim 13, wherein at least one transmitting device record
2 indicates a location boundary defining multiple position coordinates, wherein the location
3 description in the transmitting device record provides information on the location boundary.

1 24. The system of claim 13, wherein the location description added from the
2 transmitting device record to the record associated with the user includes a multimedia file
3 providing information in a multimedia format on the location.

1 25. An article of manufacture comprising code for providing user location
2 information for a personal information management program by:
3 providing a plurality of records for a user of a wireless device, wherein each user
4 record includes at least one position coordinate and an associated time indicating a location of
5 the wireless device at the time and the position coordinate;

6 providing records for transmitting devices, wherein each transmitting device record
7 includes at least one position coordinate and an associated location description providing
8 information on the position coordinate in the records; and
9 adding the location description from at least one of the transmitting device records to at
10 least one record associated with the user of the wireless device.

1 26. The article of manufacture of claim 25, further comprising:
2 determining one transmitting device record including one position coordinate that is
3 within a proximity to one position coordinate in one user record, wherein the location
4 description from the determined transmitting device record is added to the user record having
5 the position coordinate within the proximity to the position coordinate of the determined
6 transmitting device record.

1 27. The article of manufacture of claim 25, wherein the transmitting devices
2 comprise wireless devices associated with other users and fixed location transmitters associated
3 with a location providing information on a location.

1 28. The article of manufacture of claim 25, wherein the user records further include
2 a list identifying one or more transmitting devices within a proximity to the wireless device of the
3 user.

1 29. The article of manufacture of claim 28, wherein the added location description
2 is from one record for one transmitting device identified in the list.

1 30. The article of manufacture of claim 29, further comprising:
2 determining one record for one of the transmitting devices identified in the list including
3 one position coordinate within a proximity to one position coordinate of one user record,

4 wherein the location description from the determined transmitting device record is added to the
5 user record having the position coordinate within the proximity to the position coordinate of the
6 determined transmitting device record.

1 31. The article of manufacture of claim 28, further comprising:
2 receiving, with the user wireless device, wireless transmissions from proximate
3 transmitting devices, wherein each wireless transmission identifies one transmitting device; and
4 adding to the list each transmitting device identified in each wireless transmission.

1 32. The article of manufacture of claim 31, wherein the transmitting devices
2 identified in the list are in the proximity of the position coordinate in the user record including the
3 list.

1 33. The article of manufacture of claim 25, further comprising:
2 searching a database of transmitting device records to determine one transmitting
3 device record including one position coordinate within a proximity to the position coordinate in
4 one user record, wherein the location description from the determined transmitting device
5 record is added to the user record having the position coordinate within the proximity to the
6 position coordinate of the determined transmitting device record.

1 34. The article of manufacture of claim 25, wherein the transmitting device records
2 further provide a time associated with the position coordinate indicating a time the transmitting
3 device was located at the position coordinate.

1 35. The article of manufacture of claim 25, wherein at least one transmitting device
2 record indicates a location boundary defining multiple position coordinates, wherein the location
3 description in the transmitting device record provides information on the location boundary.

- 1 36. The article of manufacture of claim 25, wherein the location description added
- 2 from the transmitting device record to the record associated with the user includes a multimedia
- 3 file providing information in a multimedia format on the location.

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